

State Of Montana

Agency IT Plan

FOR FY2010 - FY2015 IT PLAN UPDATE

Should you have any questions or comments regarding this template, or desire additional copies, please contact:

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INFORMATION TECHNOLOGY SERVICES DIVISION

Dick Clark, CIO Warren Dupuis, CIO Support Officer

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EXECUTIVE SUMMARY

The Montana Public Employee Retirement Administration (MPERA) is the executive staff to the Montana Public Employees' Retirement Board (PERB). PERB administers 10 separate retirement plans. PERB is administratively attached to the Department of Administration. PERB approves its annual budget and has hiring/firing authority of its administrative staff. PERB has fiduciary responsibility for the retirement plans and trust funds and is committed to acting in the best interest of the members and beneficiaries. MPERA's mission is to efficiently provide quality benefits, education and service to help our plan members and beneficiaries achieve a quality retirement.

To accomplish this mission MPERA must work with its stakeholders: the members, employers, lawmakers, taxpayers and employee groups. To provide quality education, communication, service and resources to those stakeholders, we need to efficiently and effectively use information technology resources.

The primary theme of the MPERA FY2010-FY2015 IT Strategic Plan is to continue to provide timely processing of contributions and benefits, to protect individual privacy and the privacy of information contained within our systems, to provide secure internet access to education resources, account information, forms, published documents and other resources to our stakeholders, to implement improved and new technology where feasible and to continually strive to perform more efficiently and effectively, balancing our staff, technology and resources to produce the maximum value for the time, effort and budget we invest.

SECTION 1: AGENCY CONTACT INFORMATION

Agency Name: Montana Public Employee Retirement Administration

Role: Plan Owner

Name: Barbara Quinn Name:

Telephone Number: 406-444-5457 Telephone Number: EMail Address: bquinn@mt.gov EMail Address:

Role: IT Contact

Name: June Dosier Name:

Telephone Number: 406-444-3990 Telephone Number: EMail Address: judosier@mt.gov EMail Address:

Role: IT Contact (Alternate)

Name:

Telephone Number: EMail Address:

SECTION 2: AGENCY IT MISSION

2.1 Agency IT Mission Statement

The Montana Public Employee Retirement Administration will efficiently provide quality benefits; education and service to help our plan members and beneficiaries achieve a quality retirement.

The Montana Public Employee Retirement Administration's Information Technology unit will provide and maintain cost effective and user friendly technology systems to support MPERA staff and ensure quality service and information is provided to MPERA stakeholders: the members, employers, lawmakers, taxpayers and employee groups.

SECTION 3: AGENCY SECURITY PROGRAM

3.1 Security Program

A user (MPERA or non-MPERA) must have security to log into any of our computer systems, and access our data files.

For our WEB-accessed systems, each user is set up as a database user. This is a manual process that allows an MPERA Security Officer to control specific user access to the Employer Web Reporting application. Each user is granted specific roles based on their business function. Each role has specific rights granted to the appropriate Oracle tables and PL/SQL packages. If the user is a Payroll Clerk (non-MPERA staff), the database limits access to their specific database table information through the use of row level security policies. A user is not allowed to view any information that is not directly related to the employer(s) that have been assigned to that user by an MPERA Security Officer. A user is only allowed three unsuccessful login attempts before their account is locked. To unlock their account, the user must contact an MPERA Security Officer directly. Once the user successfully logs in, they must immediately change their password. A user is only given access to the appropriate application areas through the use of menu-based driven security. All traffic between the client machine and the application server utilize 128 bit encryption over an SSL connection. Each user must reset their password every 180 days.

Our legacy systems (mainframe – IDMS) can be accessed only by MPERA staff, are protected by CICS security, ACF2 rules, and IDMS security classes and are monitored quarterly. A user must have security to access the active, retiree or VFCA legacy system – and within each of those systems, security to access specific data (security class codes). Each user must reset their password every 60 days.

The datasets that are created on the mainframe can be accessed only by MPERA staff, have ACF2 rules written for them, and are monitored daily. A user will have no security – view only security – or read/write security.

SECTION 4: AGENCY IT PLAN - GOALS & OBJECTIVES

4.1 Goals

Goal Number 1:

ITG 1 Maintain ITSD recommended standards and policies.

Description: Maintain ITSD recommended hardware and software standards for MPERA staff and customers. Ensure MPERA is in compliance with state policies.

Benefits: To stay abreast of technological advancements, to obtain the support and knowledge of ITSD staff for maintenance and troubleshooting problems, to enable communication with other state agencies.

Beneficiaries: MPERA staff, MPERA customers, other state agencies.

Which state strategic goal(s) and/or objective(s) does your goal address? Montana Objectives: 1.1- Develop IT resources in an organized, deliberative and cost-effective manner, 1.6 - Continue to encourage and promote the use of innovative technologies for delivering government services, 4 - Protect individual privacy and the privacy of information contained within IT systems.

Supporting Objective/Action

ITO 1-1 Ensure MPERA is in compliance with state policies.

Describe the business requirements or business problem driving this objective:

BR 5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective:

To stay abreast of technological advancements, to obtain the support and knowledge of ITSD staff for maintenance and troubleshooting problems, to enable communication with other state agencies, to adhere to state policies.

Describe the anticipated risks associated with this objective: None.

Describe how this objective supports the agency IT goal:

Ensure quality service and timely problem resolution and communication are provided to our members, employers and other customers by staying abreast of technological advancements and software releases.

Ongoing

What is the timeframe for completion of this objective:

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed?

State policies are reviewed and any required changes implemented by effective date of policy.

Relevant state polices are reviewed when hardware and software changes are identified.

Attend and participate in state councils, boards and committees such as ITMC, NMG and ITB.

Supporting Objective/Action

ITO 1-2 Implement an Information Security Program.

Describe the business requirements or business problem driving this objective:

BR 5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective:

To stay abreast of technological advancements, to adhere to state policies, to secure confidential information.

Describe the anticipated risks associated with this objective: None.

Describe how this objective supports the agency IT goal:

Ensure quality service is provided to our members, employers and other customers by protecting individual privacy and the privacy of information contained within our IT systems,

What is the timeframe for completion of this objective: 2013

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed?

Implement an Information Security Program.

Goal Number 2:

Successfully implement MPERA's overall customer service, business operations and technology improvement initiative (MPERAtiv).

Description: MPERA administers three mainframe systems and two Oracle based applications. Our current mainframe systems utilize IDMS databases hosted by the Montana Department of Administration – State Information Technology Services Division. These software systems are nearing the end of their life cycle and have seen many legislative driven plan changes and additions over their 25-year lifespan that have left the systems more difficult to maintain and enhance. MPERA plans to replace these software systems with a new Line of Business (LOB) pension administration system.

Benefits: Improve delivery of public services, improve customer service, improve data quality, maintain fiscal responsibilities, improve internal system functionality, improve operating efficiencies, and consistency of business processes and calculations.

Beneficiaries: MPERA staff, MPERA internal and external customers, DOA/ITSD.

Which state strategic goal(s) and/or objective(s) does your goal address?

1.1 - Develop IT resources in an organized, deliberative, and cost effective manner. 1.2 - Utilize IT best practices to implement and manage information technology systems in a coordinated manner inclusive of all units of government with common or related business objectives. 2.4 - Continue emphasis on support and maintenance of existing IT infrastructure.

Supporting Objective/Action

ITO 2-1 Continue emphasis on support and maintenance of existing IT infrastructure.

Describe the business requirements or business problem driving this objective:

BR1: Pay Retirement, Survivorship, Disability and Death Benefits & Refunds;

BR2: Collect & Process Employer, Employee and State Contributions,

BR5: Provide Quality Service to our Members, Employers and other Customers

Describe the benefits to be derived from the successful completion of this objective: Efficient use of IT resources, accuracy of information provided to stakeholders, efficiently managed information technology systems and realize maximum value from these systems for the time, effort and budget invested until they are replaced.

Describe the anticipated risks associated with this objective: Time to complete mandated system changes. Data integrity and accuracy. Availability of staff to provide these services.

Describe how this objective supports the agency IT goal: Serve our members, employers and other customers by providing quality service, efficient and accurate collection and processing of employer, employee and state contributions and timely and accurate payment of retirement, survivorship, disability and death benefits and refunds.

What is the timeframe for completion of this objective: Ongoing

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? Services are available and required processes function accurately. Maintenance upgrades to current technology are performed timely. Production troubleshooting, assistance and recovery are provided timely to MPERA users and staff. Confidential information is secured.

Supporting Objective/Action

ITO 2-2 Maintain accuracy and integrity of data.

Describe the business requirements or business problem driving this objective:

BR1: Pay Retirement, Survivorship, Disability and Death Benefits & Refunds;

BR2: Collect & Process Employer, Employee and State Contributions,

BR5: Provide Quality Service to our Members, Employers and other Customers

Describe the benefits to be derived from the successful completion of this objective: Accuracy of information provided to stakeholders and efficiently managed information technology systems.

Describe the anticipated risks associated with this objective: Time to complete mandated system changes, Data integrity and accuracy. Availability of staff to provide these services.

Describe how this objective supports the agency IT goal: Serve our members, employers and other customers by providing quality service, efficient and accurate collection and processing of employer,

employee and state contributions and timely and accurate payment of retirement, survivorship, disability and death benefits and refunds.

What is the timeframe for completion of this objective:

Ongoing through FY2015

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? Contract with data cleansing vendor in FY2012 for data profiling and data cleansing services. Data issues are identified, prioritized and cleansed during FY2012 – FY2015. Cleansed data is successfully migrated to the new line of business system during FY2015 providing easy and accurate data for MPERA's business needs.

Supporting Objective/Action

ITO 2-3 Implement basic internet inquiry to provide members with basic member account information.

Describe the business requirements or business problem driving this objective:

BR3: Provide Education to our Stakeholders.

BR5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective: Provide quality customer service by providing members the ability to access MPERA website to obtain basic member information allowing MPERA staff to focus on other priorities.

Describe the anticipated risks associated with this objective: Security of sensitive information.

Describe how this objective supports the agency IT goal: Customers can obtain basic member account information from MPERA website allowing MPERA staff to focus on other priorities.

What is the timeframe for completion of this objective: FY2

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? Basic member information such as contributions, interest, highest average salary, membership service years, service credit years and beneficiary information will be accessible to members through the MPERA website.

Supporting Objective/Action

ITO 2-4 Implement function to allow members to inquire, download and print member statements from MPERA website.

Describe the business requirements or business problem driving this objective:

BR3: Provide Education to our Stakeholders.

BR5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective: Provide quality customer service by providing customers the ability to access MPERA website to download and print member statements resulting in a significant decrease in the financial cost to print and mail this information.

Describe the anticipated risks associated with this objective: Security of sensitive information.

Describe how this objective supports the agency IT goal: Members access to account statements is improved and MPERA staff can focus financial resources on other initiatives.

What is the timeframe for completion of this objective: FY2015

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? Members can download and print annual statements through the MPERA website.

Supporting Objective/Action

ITO 2-5 Implement basic internet update to allow members to maintain member account information Describe the business requirements or business problem driving this objective:

BR3: Provide Education to our Stakeholders.

BR5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective: Provide quality cus service by providing customers the ability to access MPERA website to *maintain* basic member information allowing MPERA staff to focus on other priorities.

Describe the anticipated risks associated with this objective: Security of sensitive information.

Describe how this objective supports the agency IT goal: Customers can maintain member information from MPERA website allowing MPERA staff to focus on other priorities.

What is the timeframe for completion of this objective: FY2015

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? Basic member information such as address information, beneficiary information, direct deposit, tax withholding may be maintained by the member through the MPERA website.

Goal Number 3:

ITG 3 Implement new technology for critical MPERA processes, forms and documents.

Description: Critical business processes are paper driven, performed manually and labor intensive. MPERA currently has paper, microfiche and microfilm files all used for the delivery of customer service and benefits. Documents that are critical to successful completion of these processes are located in various places throughout MPERA. To improve records information management, business process functionality, and provide continuity of operations, processes need to be automated and an imaging system implemented.

Benefits: Improve services to MPERA stakeholders, simplify and improve business processes, improve document classification, storage and access, recovery of documents in the event of disaster, improve data capture from critical documents, link document processing between bureaus, reduce MPERA's processing costs, reduce or eliminate microfiche and future document storage costs, reduce or eliminate lost or misplacement of documents and files, increase efficiency of MPERA staff, technology and workflow systems, protection of information due to recovery of misplaced or corrupted files and documents, produce the maximum value for the time, effort and budget invested.

Beneficiaries: MPERA staff, MPERA customers, other state agencies.

Which state strategic goal(s) and/or objective(s) does your goal address? Montana Objectives: 1.1-Develop IT resources in an organized, deliberative and cost-effective manner, 1.2 Utilize IT best practices to implement and manage information technology systems in a coordinated manner inclusive of all units of government with common or related business objectives, 1.4 - Coordinate planning, development, and implementation of new information technology resources in conjunction with budget development and approval, 1.6 - Continue to encourage and promote the use of innovative technologies for delivering government services. Improve government services, 2.6 - Expand business continuity and disaster recovery planning, 4 - Protect individual privacy and the privacy of information contained within IT systems.

Supporting Objective/Action

ITO 3-1 Implement an imaging system and basic workflow for critical MPERA forms and documents.

Describe the business requirements or business problem driving this objective:

BR1: Pay Retirement, Survivorship, Disability and Death Benefits & Refunds;

BR2: Collect & Process Employer, Employee and State Contributions,

BR5: Provide Quality Service to our Members, Employers and other Customers

Describe the benefits to be derived from the successful completion of this objective: Improve services to MPERA stakeholders, simplify and improve business processes, improve document classification, storage and access, recovery of documents in the event of disaster, improve data capture from critical documents, link document processing between bureaus, reduce MPERA's processing costs, reduce or eliminate microfiche and future document storage costs, protection of information, promote and use innovative information technology to deliver government services.

Describe the anticipated risks associated with this objective: Development costs in equipment, time and man power. Culture change to support the new imaging and workflow system.

Describe how this objective supports the agency IT goal: Serve our members, employers and other customers by providing quality service, efficient and accurate collection and processing of employer, employee and state contributions and timely and accurate payment of retirement, survivorship, disability and death benefits and refunds.

What is the timeframe for completion of this objective: FY2012

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? The MPERAtiv program imaging project was initiated in May, 2011. The RFP for an Imaging vendor will be released in July, 2011. An imaging vendor will implement an imaging solution at MPERA during FY2012 with day-forward and back file imaging and scanning capabilities. The project will be reviewed at completion to highlight lessons learned and archive project knowledge gained.

Supporting Objective/Action

ITO 3-2 Back file conversion of MPERA documents.

Describe the business requirements or business problem driving this objective:

BR1: Pay Retirement, Survivorship, Disability and Death Benefits & Refunds;

BR2: Collect & Process Employer, Employee and State Contributions,

BR5: Provide Quality Service to our Members, Employers and other Customers

Describe the benefits to be derived from the successful completion of this objective: Improve services to MPERA stakeholders, simplify and improve business processes, improve document classification, storage and access, recovery of documents in the event of disaster, improve data capture from critical documents, link document processing between bureaus, reduce MPERA's processing costs, reduce or eliminate lost or misplacement of documents and files, protection of information, gain staff efficiencies and reduce manual errors.

Describe the anticipated risks associated with this objective: Costs in equipment, time and man power. Culture change to support processing of imaged documents.

Describe how this objective supports the agency IT goal: Serve our members, employers and other customers by providing quality service, efficient and accurate collection and processing of employer, employee and state contributions and timely and accurate payment of retirement, survivorship, disability and death benefits and refunds.

What is the timeframe for completion of this objective: FY2013

Describe the critical success factors associated with this objective; i.e., how will you know when it has been successfully completed? A forms review will be completed early in FY2012. The back file conversion project will be initiated during FY2012 with completion in FY2013. The project will be reviewed at completion to highlight lessons learned and archive project knowledge gained.

Goal Number 4:

ITG 4 Keep business continuity plan up to date for disaster recovery.

Description: Maintain documented disaster recovery plans for all computer systems and MPERA's server.

Benefits: Keep services available and required processes functioning despite any means of interruption.

Beneficiaries: MPERA staff, MPERA internal and external customers.

Which state strategic goal(s) and/or objective(s) does your goal address?

1.1 - Develop IT resources in an organized, deliberative and cost-effective manner, 2.6 - Expand business continuity and disaster recovery planning. 4 - Protect individual privacy and the privacy of information contained within IT systems.

Supporting Objective/Action

ITO4-1 Actively participate with the state Service Delivery Team for disaster recovery.

Describe the business requirements or business problem driving this objective: BR1: Pay Retirement, Survivorship, Disability and Death Benefits & Refunds; BR2: Collect & Process Employer, Employee and State Contributions; BR5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective: MPERA disaster recovery plan is up to date and flexible to change with changing state environment.

Describe the anticipated risks associated with this objective: MPERA will be unable to respond timely and accurately to unforeseen events.

Describe how this objective supports the agency IT goal: Maintains MPERA ability to respond to unforeseen events in a timely manner and continue to provide quality customer services.

What is the timeframe for completion of this objective: Ongoing

Describe the critical success factors associated with this objective. Attend and participate in meetings and training. Improved reaction and recovery time.

Supporting Objective/Action

ITO 4-2 Work with ITSD to be a part of Disaster Recovery tests.

Describe the business requirements or business problem driving this objective:

BR5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective: MPERA disaster recovery plan is tested and weak areas identified.

Describe the anticipated risks associated with this objective: MPERA will be unable to respond timely and accurately to unforeseen events.

Describe how this objective supports the agency IT goal: Maintains MPERA ability to respond to unforeseen events in a timely manner and continue to provide quality customer services.

What is the timeframe for completion of this objective: Ongoing

Describe the critical success factors associated with this objective. Actively participate with DOA in disaster recovery drills to test recovery of MPERA hardware and software systems. Improved reaction and recovery time.

Supporting Objective/Action

ITO 4-3 Review and update agency disaster recovery plan.

Describe the business requirements or business problem driving this objective:

BR5: Provide Quality Service to our Members, Employers and other Customers.

Describe the benefits to be derived from the successful completion of this objective: MPERA disaster recovery plan is documented, maintained, published and tested allowing MPERA to respond to events timely and with a minimum disruption to critical services.

Describe the anticipated risks associated with this objective: MPERA will be unable to respond timely and accurately to unforeseen events. MPERA will not maintain our disaster recovery plans timely. MPERA will not communicate the responsibilities of the disaster recovery plan to MPERA staff and external stakeholders.

Describe how this objective supports the agency IT goal: Maintains MPERA ability to respond to unforeseen events in a timely manner and continue to provide quality customer services.

What is the timeframe for completion of this objective: Ongoing

Describe the critical success factors associated with this objective. Review disaster recovery plan each biennium. Make necessary changes and publish plan after review is complete.

SECTION 5: IT INITIATIVES (FY2010 - FY 2015)

5.1 IT Initiatives

Initiative 1 - Title: Imaging System and Basic Workflow for critical MPERA forms and documents.

Description: Our current business processes are paper driven. Documents that are critical to successful completion of critical business processes are located in various places throughout MPERA. An imaging system with basic workflow is needed to allow for recovery and improved business process functionality.

EPP Number (if applicable):

Initiative 2 - Title: Develop new line of business (LOB) software system.

Description: Our current mainframe systems utilize IDMS databases. These applications are nearing the end of their life cycle, but are customized to our needs and continue to perform well. We plan to replace our buyback, retired, active, Volunteer Firefighter and the Employer Web Reporting applications.

Our goal will be to extract the maximum value from the replacement of these systems for the time, effort, resources and budget invested.

EPP Number (if applicable):

SECTION 6: ENTERPRISE ALIGNMENT

6.1 State Strategic Plan for IT Alignment

Please indicate which Communities of Interest your agency plans to be involved in. Agencies are asked to select at least one, but can select as many as needed. Further planning work by the communities of interest will take place following submission of agency IT plans.

☐ Government Services
☐ Public Safety
▼ Human Resources
☐ Environmental
▼ Education
☐ Economic
☐ Cultural Affairs
☐ Finance

SECTION 7: EXPENDITURES

7.1 Planned Agency IT Expenditures

Expense Category	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>
Personal Services	\$620,312	\$684,885	\$648,382	\$693,769	\$742,333	\$794,296
Operating Expenses	\$625,531	\$664,441	\$592,867	\$634,368	\$678,77394	\$726,288
Initiatives	\$30,000	\$149,555	\$2,395,896	\$2,563,609	\$2,743,061	\$2,935,076
Other expenditures	\$9,307	\$14,228	\$17,378	\$18,594	\$19,896	\$21,289
Totals	\$1,285,150	\$1,513,109	\$3,654,523	\$3,910,340	\$4,184,063	\$4,476,948

The Public Employees' Retirement Board approves its budget on an annual basis. FY2010 - FY2012 are the actual budgeted amounts. For estimating purposes, FY2013 - FY2015 were increased by 7% annually.

SECTION 8: ENTERPRISE IT INVENTORY

8.1 Inventory Update

Has the Agency updated their IT Inventory Database as outlined in Section 8 of the instructions? Yes

Date that Agency last updated their IT Inventory: 7/1/2009

SECTION 9: ADDITIONAL INFORMATION - OPTIONAL

Other types of information that support the agency's IT Plan. Some examples might include other COI participation, reference to other IT plans such as GIS plan, eGovernment plan, security plan, staffing issues and constraints, etc.